

Bioeconomy and Soybeans: Investigating challenges and exploring solutions

Exploring Solutions

1. Brainstorm and discuss the problems, concerns, and issues facing soybean cultivation domestically and globally.
2. Frame the Problem
 - a. List the key challenges facing soybean cultivation in the U.S. and abroad.
 - b. Research which of the challenges facing soybean cultivation is most prominent in the country you studied with your group.
 - c. Research 3-5 potential solutions to those problems.
3. Which solution do you think is the most viable? Produce a 200-word written rationale (approximately 2 well-rounded paragraphs or 1/2 page total) to justify and expand on your solution.

In your written response, answer the following questions:

¿Qué es la bioeconomía? (What is bioeconomy?)

¿Cómo define la sostenibilidad? (How is sustainability defined?)

¿Por qué es importante el cultivo de la soja? (Why is soybean cultivation important?)

¿Cuáles son los países hispanohablantes que cultivan la soja como producto agrícola? (What Spanish-speaking countries grow soy as an agricultural product?)

¿Cuál país decidiste investigar? (Which country did you choose to research?)

¿Cuáles son los desafíos que afectan el cultivo de la soja en el país que investigaste? (What are the challenges that affect soy cultivation in the country you researched?)

¿Cuáles soluciones posibles existen para abordar estos desafíos? (What possible solutions exist to address these challenges?)

En tu opinión, ¿cuál solución sería la mejor? ¿Por qué? (In your opinion, which solution would be the best one? Why?)

4. Once completed, spend 5 minutes sharing your prepared written response with another student and interact with each other about your solutions. You will share with several students. You will be assessed using the provided rubrics with respect to the questions addressed in the 200 - word written statement.

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